

Title (en)
POLYMER MIXTURE AND THE UTILIZATION THEREOF FOR INJECTION MOLDED PARTS

Title (de)
POLYMERMISCHUNG SOWIE DEREN VERWENDUNG FÜR SPRITZGUSSTELLE

Title (fr)
MELANGE POLYMERES ET SON UTILISATION POUR DES PIECES MOULEES PAR INJECTION

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Application
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Abstract (en)
[origin: US2007112135A1] The invention relates to a polymer mixture based on the (meth)acrylate (co)polymer components a), b), c), and/or d) according to claim 1, where a test specimen produced from the polymer mixture simultaneously has the following properties: I. a tensile modulus (ISO 527) of at least 2600 MPa, II. a Vicat softening point VSP (ISO 306-B50) of at least 109° C., III. an impact strength (ISO 179-2D, flatwise) of at least 17 kJ/m², and IV. a melt index MVR (ISO 1133, 230° C./3.8 kg) of at least 1.5 cm³/10 min. The invention further relates to injection mouldings and to the use of the polymer mixture for producing injection-moulded parts.

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